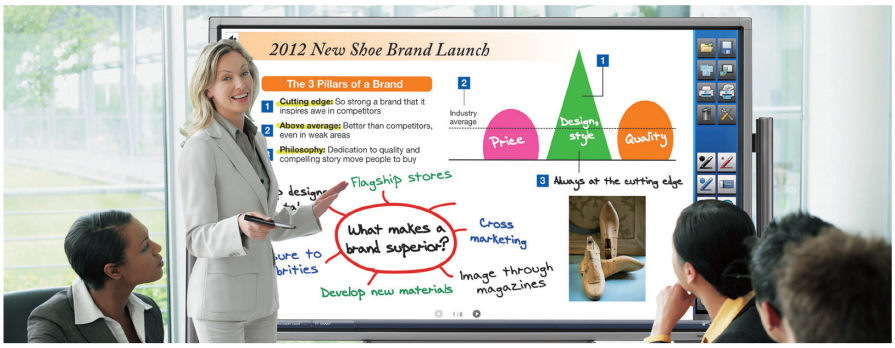
SHARP

BIG PAD
Professional Touchscreen LCD Monitor

We understand the advantages of effective communication /This is Why our touchscreen LCD monitors provide a versatile, interactive display solution.

BIG PAD

SHARE. COLLABORATE.
COMMUNICATE.


2012 New Shoe Brand Launch
The 3 Pillars of a Brand
Cutting edge: So strong a brand that it inspires awe in competitors
Above average: Better than competitors, even in weak areas
Philosophy: Dedication to quality and compelling story move people to buy
Industry average
Price
Design, style
Quality
Always at the cutting edge
Flagship stores
What makes a brand superior?
Cross marketing
Image through magazines
Develop new materials

As a highly intuitive integrated touchscreen LCD monitor, the BIG PAD makes conventional presentation tools look out of touch with the communication needs of today's businesses and academic institutions. Along with superb image quality and easy operation, the BIG PAD brings the convenience of onscreen writing to a range of professional uses. Whether in a business setting or a classroom, functioning as an interactive whiteboard or as part of a videoconferencing system, the versatile BIG PAD brings easy communication and touch-and-show efficiency to your presentations. Isn't it time to get in touch?

Enhancing communication in so many ways

Videoconferences

The big, bright screen brings those far away much closer in just-like-being-there videoconferences*. To facilitate communication, participants can digitally display documents and write notations directly on the screen.

Discussions/Presentations

Touch control lets users change pages and enlarge or move an object, make annotations, keep track of new proposals, and maintain the focus of discussions. Simultaneously displaying text, images, and handwritten notes gives presenters a persuasive edge.

Education/Conferences

In spacious lecture halls or conference rooms, the BIG PAD can be linked to a large Sharp video wall that keeps all participants fully engaged. Sharp's interactive whiteboards can also link with separate venues for remote learning and two-way communication.

Showrooms

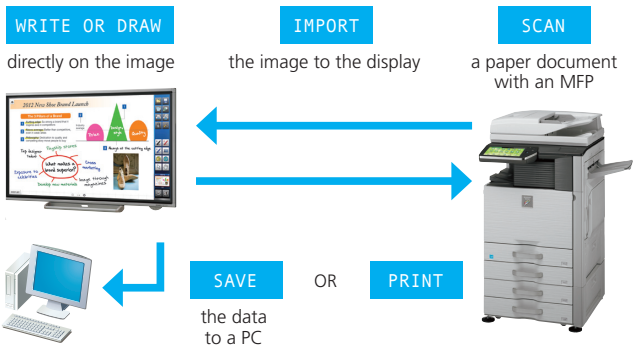
As an all-purpose showroom enhancer, the BIG PAD can be used to display product information, demonstrations, and more. And when the BIG PAD is hooked up to a Sharp MFP, onscreen info can be quickly printed out for customers.

* Requires separately sold videoconferencing system.

Expand communicative potential

Documents and images scanned from a colour-scan-capable Sharp MFP can be imported directly to the pen software for display on the LCD monitor. For added convenience, image data shown onscreen - including notations - can be saved to a PC or sent directly to an MFP for printout.

Linking the BIG PAD to a PC makes it easy to bring up shared documents stored on a cloud. And after meetings, whiteboard notes saved on the PC as PDF documents can be e-mailed with ease to all concerned parties.



MFP & PC CONNECTIVITY

Simple and intuitive user interface

Developed specifically for Sharp touchscreen LCD monitors, the bundled Sharp Pen Software allows anyone to smoothly and easily operate the BIG PAD. Once documents have been imported and displayed on the touchscreen, users can quickly write and draw directly on the screen surface using the bundled touch pen or a finger.

This user-friendly interface supports onscreen functions for pen-colour and line-thickness selection as well as an eraser tool that can delete selected notations or clear the entire screen at once. Screen images can be enlarged or rotated, and handwritten notations can be selected and repositioned.

Eight ready-to-use templates come preinstalled and users can also create their own.

Upgraded Sharp Pen Software*

Floating Tool Bar

The tool bar won't get in the way of the presenter. It can be moved about freely on the screen, displayed horizontally or vertically, or even hidden from view.

Expanded Sheet Preview Function

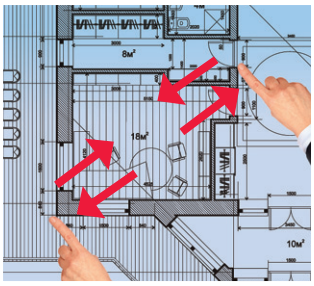
Pages displayed onscreen can be easily saved and retrieved. Convenient editing functions allow pages to be added, deleted, copied, and moved. And multiple pages can be displayed on the screen as thumbnails.

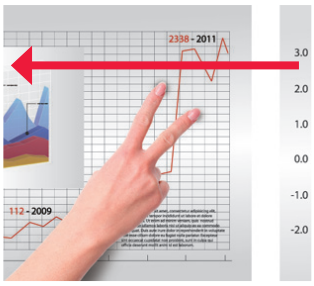
Sharp Pen Software also comes with additional useful features such as shape recognition and split screen, and it is bundled with launcher software that can be programmed to launch applications, files and web links.

* Please contact your local Sharp dealer or representative for availability and further details.

Dual-touch interface

The BIG PAD supports a dual-touch*[1] function. In addition to letting the user scroll pages with two fingers, this function makes it possible to enlarge then shrink an image by simply spreading two fingers apart and then bringing them together.

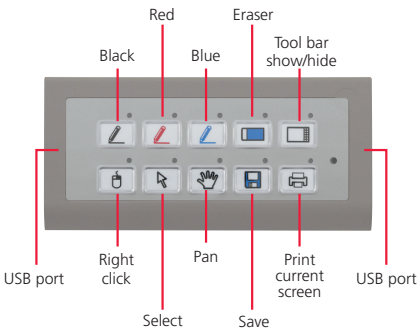




The BIG PAD supports Microsoft® Office ink functionality, allowing the user to write on Excel®, PowerPoint® or Word documents displayed onscreen and save the files - notations and all.

Touch Application Pad

The optional Touch Application Pad can be installed onto the pen tray for easy access to touch pen functions. The pad boasts 10 one-touch buttons, each of which can be programmed to execute a Sharp Pen Software command, issue a key/mouse code, or start a specified application. With two USB ports, the pad also functions as a convenient USB hub for connecting the BIG PAD to a USB memory device, keyboard, or mouse.



Installed onto the middle of the pen tray

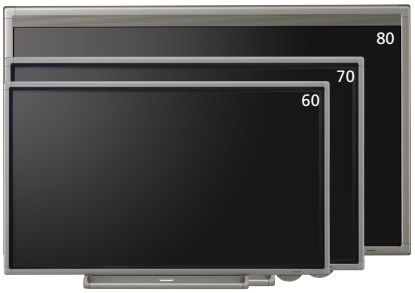
Enhanced touchscreen response

The BIG PAD's integration of a high-quality LCD panel and a highly sensitive touchscreen makes for easy communication. For heightened touchscreen responsiveness and stress-free onscreen writing, the BIG PAD models PN-L702B and PN-L602B employ Sharp's proprietary infrared blocking detection system, which uses multiple infrared sensors to locate the position of the user's finger or the touch pen. The BIG PAD model PN-L802B employs a system better suited for very large screens: optical imaging technology uses optical cameras in the upper right and left corners of the screen to detect shadows made on the screen by the user's finger or the touch pen.

The PN-L802B and PN-L702B must be installed in landscape orientation but the PN-L602B can be installed as either landscape or portrait*[2].

Outstanding image quality

The LCD panel on the BIG PAD comes in three large screen sizes: 80 inches, 70 inches, and 60 inches. All three sizes incorporate Sharp's UV²A*[3] technology, which ensures highly efficient backlighting and prevents light leakage for the display of bright whites, vivid colours, and deep blacks. The BIG PAD's full-array LED backlight (PN-L802B and PN-L702B) and edge lit LED backlight (PN-L602B) provide easy readability and reliable performance – all with low power consumption.



60", 70" OR 80" DISPLAYS

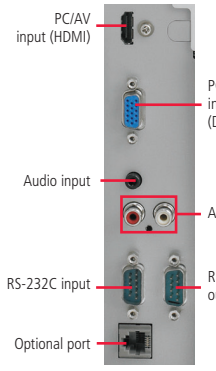
*[1] Available only on Windows 7. *[2] Please contact your local Sharp sales representative for availability and further details on portrait installations.
*[3] UV²A stands for "Ultraviolet-induced Multi-domain Vertical Alignment", a photo alignment technology that ensures uniform alignment of liquid crystal molecules in a certain direction.

Specifications

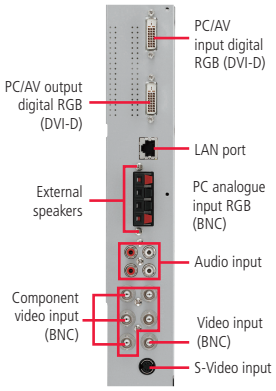
Model Name		PN-L802B	PN-L702B	PN-L602B
Installation		Landscape		Landscape & Portrait*1
LCD Panel		80-inch widescreen (203.2 cm diagonal) UV²A LCD	70-inch widescreen (176.6 cm diagonal) UV²A LCD	60-inch widescreen (152.5 cm diagonal) UV²A LCD
	Max. Resolution	1,920 x 1,080 pixels		
	Max. Display Colours (approx.)	1,064 million colours		
	Pixel Pitch (H x V)	0.923 x 0.923 mm	0.802 x 0.802 mm	0.692 x 0.692 mm
	Max. Brightness (average)*2	300 cd/m²		380 cd/m²
	Contrast Ratio	3,000 : 1		
	Viewing Angle (H/V)	160°/160° (CR ≥ 10)		
	Active Screen Area (W x H) (approx.)	1,771.2 x 996.3 mm (69 3/4" x 39 1/4")	1,538.9 x 865.6 mm (60 9/16" x 34 1/16")	1,329.1 x 747.6 mm (52 5/16" x 29 7/16")
	Response Time	6 ms (gray to gray, avg.)		
	Backlight	White LED, full array		White LED, edge lit
Touchscreen	Touch Technology	Optical imaging method	Infrared blocking detection method	
	PC Connection Port	USB (1.1 standard) x 1		
	Power Supply	PC through USB port		
	Driver	OS: Windows® XP, Windows Vista®, Windows® 7		
	Protection Glass Thickness*3	Approx. 3.4 mm		Approx. 3.0 mm
Touch Pen	Communication	Ultrasonic communication method		
	Button	2 function buttons		
Computer Input	Video	Analogue RGB (0.7 Vp-p) [75Ω], Digital (conforms to DVI 1.0 standards)		
	Synchronisation	Horizontal/vertical separation (TTL: positive/negative), Sync on green, Composite sync (TTL: positive/negative)		
	Plug & Play	VESA DDC2B		
	Power Management	VESA DPMS, DVI DMPM		
Video Colour System	With Optional PN-ZB01	NTSC (3.58 MHz, 4.43 MHz), PAL, PAL60, SECAM		
Input Terminals*4	Standard	PC analogue: Mini D-sub 15-pin x 1, HDMI x 1*5, 3.5 mm-diameter mini stereo jack x 1, RS-232C D-sub 9-pin x 1		
	With Optional PN-ZB01	PC digital: DVI-D 24-pin x 1*5, PC analogue: BNC x 1*6*7, Video: BNC x 1, S-Video x 1, Component video: BNC (Y, Cb/Pb, Cr/Pr) x 1*6, Audio: RCA pin (L/R) x 2		
Output Terminals	Standard	Audio: RCA pin (L/R) x 1, RS-232C D-sub 9-pin x 1		
	With Optional PN-ZB01	PC digital: DVI-D 24-pin x 1*5		
Input/Output Terminals	With Optional PN-ZB01	LAN port		
Speaker Output	Built-in	7 W + 7 W		
	External	7 W + 7 W (6Ω)*8		
Power Supply		100V – 240V AC, 50/60 Hz		
Power Consumption		260 W	240 W	170 W
Environmental Conditions	Operating Temperature	5°C to 35°C		
	Operating Humidity	20% to 80% RH (no condensation)		
Dimensions (W x D x H) (approx.) (display only)		1,880 x 135 x 1,157 mm (74" x 5 5/16" x 45 9/16")	1,648 x 116 x 982 mm (64 7/8" x 4 9/16" x 38 11/16")	1,440 x 101 x 855 mm (56 11/16" x 4" x 33 11/16")
Weight (not including PN-ZB01) (approx.)		102 kg (224.9 lbs)	70 kg (154.3 lbs)	54 kg (119.0 lbs)
Main Accessories		Touch pen, touch pen battery (AAA size), pen tips (for touch pen) x 2, eraser, pen tray, power cord, remote control unit, batteries (AA size x 2), CD-ROM, set-up manual, terminal label, Sharp logo cover sticker, cable clamp x 3 (2 for PN-L702B), USB cable, tray mounting fittings x 2, tray mounting screws x 6		

Input/Output Terminals

Standard



Option
PN-ZB01 Interface Expansion Board



Notes

*1 Please contact your local Sharp sales representative for availability and further details on portrait installations. *2 Brightness will depend on input mode and other picture settings. Brightness level will decrease over time. Due to the nature of the equipment, it is not possible to precisely maintain a constant level of brightness. *3 Including AR coating on both sides. *4 Use a commercially available connection cable for PC and other video connections. *5 HDCP compatible. For both PC and AV components. *6 The analogue and component BNC terminals are switchable. Use the menu to select. *7 Does not support plug & play. *8 Requires optional PN-ZB01.

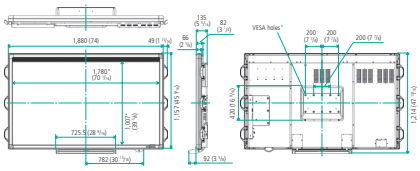
Options

PN-ZB01:
Interface Expansion Board
PN-ZC01:
Touch Application Pad

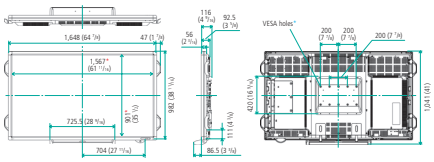
A range of brackets and stands are available to suit your installation requirements. Please consult your local Sharp dealer or representative for availability and further details.

Dimensions

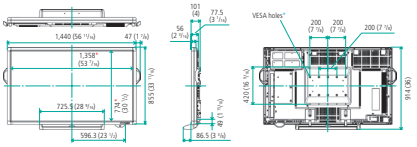
(PN-L802B)



(PN-L702B)



(PN-L602B)



Units: mm (inch)
* Screen dimensions
* To use the VESA-standard mounting bracket, use M6 screws that are 8 to 10 mm plus the thickness of the bracket.

This is Why

www.sharp.eu

SHARP

SHARP ELECTRONICS (EUROPE) GMBH
VISUAL SOLUTIONS DIVISION
FREISINGER STR. 9
85716 UNTERSCHLEISSHEIM
GERMANY

EMAIL: Europe-visualsolutions@sharp.eu